AMENDED CLAIMS

[received at the International Office 24 March 2005 (03.24.05); original claims 1-33 replaced by amended claims 1-33 (10 pages)]

1. An authorization verification method, involving:

reproduction of authorization data using a user interface (11) of a first electronic reproduction device (1), and

comparison of the reproduction of the authorization data using the user interface (11) of the first reproduction device (1) with the reproduction of reference data using a user interface (21) of a second electronic reproduction device (2),

characterized by

alteration of reproduction attributes during the reproduction of the authorization data using the user interface (11) of the first reproduction device (1), so that the reproduction of the authorization data changes dynamically, and

granting of the authorization when there is a match between the reproduction of the authorization data using the user interface (11) of the first reproduction device (1) and the reproduction of the reference data using the user interface (21) of the second reproduction device (2), where the match between the reproduction of the authorization data and the reproduction of the reference data is at least in the reproduction attributes, and alterations in the reproduction attributes are time-synchronized.

2. The authorization verification method as claimed in claim 1, characterized in that the authorization data are stored in a data store (13) of the first reproduction device (1), in that the reference data are stored in a data store (23) of the second reproduction device (2), and in that the alteration of reproduction attributes is made on the basis of details regarding the alteration of reproduction attributes.

3. The authorization verification method as claimed in claim 2, characterized in that the reproduction of the authorization data using the user interface (11) of the first reproduction device (1) is based on a first synchronization signal, in that the reproduction of the reference data using the user interface (21) of the second reproduction device (2) is based on a second synchronization signal, in that the first synchronization signal is produced in the first reproduction device (1), and in that the second synchronization signal is produced in the second reproduction device (2).

4. The authorization verification method as claimed in claim 2, characterized in that the reproduction of the authorization data using the user interface (11) of the first reproduction device (1) is based on a first synchronization signal, in that the reproduction of the reference data using the user interface (21) of the second reproduction device (2) is based on a second synchronization signal, and in that the first synchronization signal is produced in the first reproduction device (1) on the basis of a signal which has been received in the first reproduction device (1) from the second reproduction device (2), or in that the second synchronization signal is produced in the second reproduction device (2) on the basis of a signal which

has been received in the second reproduction device (2) from the first reproduction device (1).

5. The authorization verification method as claimed in claim 2, characterized in that the reproduction of the authorization data using the user interface (11) of the first reproduction device (1) is based on a first synchronization signal, in that the reproduction of the reference data using the user interface (21) of the second reproduction device (2) is based on a second synchronization signal, and in that the first synchronization signal and the second synchronization signal are produced in the first reproduction device (1) and in the second reproduction device (2), respectively, on the basis of a signal received from a computer-based authorization center (3).

6. The authorization verification method as claimed in claim 1, characterized in that the authorization data are stored in a data store (34) of a computer-based authorization center (3), and in that the authorization data and the reference data are transmitted from the authorization center (3) essentially in time sync via a telecommunication network (8) to the first reproduction device (1) and to the second reproduction device (2), respectively.

7. The authorization verification method as claimed in one of claims 1 to 6, characterized in that the alteration of reproduction attributes in the reproduction of the authorization data and in the reproduction of the reference data is made on the basis of relevant data in the authorization data and in the reference data, respectively.

8. The authorization verification method as claimed in one of claims 1 to 7, characterized in that the

alteration of reproduction attributes in the reproduction of the authorization data and in the reproduction of the reference data is made on the basis of relevant data which are transmitted from an authorization center (3) via a telecommunication network (8) to the first reproduction device (1) and to the second reproduction device (2), respectively.

9. The authorization verification method as claimed in one of claims 1 to 5, characterized in that the authorization data are transmitted from an authorization center (3) via a telecommunication network (8) to the first reproduction device (1), in that the alteration of reproduction attributes in the reproduction of the authorization data is made on the basis of reproduction control data which are transmitted from a reproduction control center (3') via the telecommunication network (8) to the first reproduction device (1), in that the reference data are transmitted from the reproduction control center (3') via the telecommunication network (8) to the second reproduction device (2), and in that the alteration of reproduction attributes in the reproduction of the reference data is made on the basis of data which are transmitted from the reproduction control center (3') via the telecommunication network (8) to the second reproduction device (2).

10. The authorization verification method as claimed in one of claims 1 to 9, characterized in that a display (11a, 21a) is used as a user interface (11, 21) on which the authorization data and the reference data can be shown, and in that reproduction attributes are used which comprise visual attributes such as color details, orientation details, details relating to the determination of a picture section or position details.

11. The authorization verification method as claimed in one of claims 1 to 10, characterized in that authorization data and reference data are used which comprise service descriptors, and in that reproduction attributes are used which comprise details about fonts.

12. The authorization verification method as claimed in one of claims 1 to 11, characterized in that authorization data are used which comprise user identification data, and in that the reproduction of the user identification data is determined by the reproduction attributes.

13. The authorization verification method as claimed in one of claims 1 to 12, characterized in that an electroacoustic transducer (11b, 21b) is used as a user interface (11, 21) which can be used to reproduce the authorization data and the reference data, and in that reproduction attributes are used which comprise audio attributes such as details about volume, pitch or tone length.

14. A system for authorization verification, comprising:

a first electronic reproduction device (1) having a user interface (11) for reproducing authorization data, and

a second electronic reproduction device (2) having a user interface (21) for reproducing reference data, characterized by

means for reproducing the authorization data using the user interface (11) of the first reproduction device (1) and for altering reproduction attributes during the reproduction of the authorization data in time sync

with the reproduction of the reference data using the user interface (21) of the second reproduction device (2), and with alterations of reproduction attributes during the reproduction of the reference data, respectively, so that the reproduction of the authorization data changes dynamically.

15. The system as claimed in claim 14, characterized in that the first reproduction device (1) comprises a data store (13) which stores the authorization data, in that the second reproduction device (2) comprises a data store (23) which stores the reference data, and in that the means for altering reproduction attributes are set up to make the alteration of the reproduction attributes on the basis of details regarding the alteration in the reproduction attributes.

16. The system as claimed in claim 15, characterized in that the first reproduction device (1) is set up to reproduce the authorization data on the basis of a first synchronization signal using the user interface (11) of the first reproduction device (1), in that the second reproduction device (2) is set up to reproduce the reference data on the basis of a second synchronization signal using the user interface (21) of the second reproduction device (2), in that the first reproduction device (1) is set up to produce the first synchronization signal, and in that the second reproduction device (2) is set up to produce the second synchronization signal.

17. The system as claimed in claim 15, characterized in that the first reproduction device (1) is set up to reproduce the authorization data on the basis of a first synchronization signal using the user interface (11) of the first reproduction device (1), in that the second reproduction device (2) is set up to reproduce

the reference data on the basis of a second synchronization signal using the user interface (21) of the second reproduction device (2), and in that the first reproduction device (1) is set up to receive a signal from the second reproduction device (2) and to produce the first synchronization signal on the basis of the received signal, or in that the second reproduction device (2) is set up to receive a signal from the first reproduction device (1) and to produce the second synchronization signal on the basis of the received signal.

18. The system as claimed in claim 15, characterized in that the first reproduction device (1) is set up to reproduce the authorization data on the basis of a first synchronization signal using the user interface (11) of the first reproduction device (1), in that the second reproduction device (2) is set up to reproduce the reference data on the basis of a second synchronization signal using the user interface (21) of the second reproduction device (2), in that the first reproduction device (1) and the second reproduction device (2) are set up to receive a signal from a computer-based authorization center (3), and in that the first reproduction device (1) and the second reproduction device (2) are set up to produce the first synchronization signal and the second synchronization signal, respectively, on the basis of the received signal.

19. The system as claimed in claim 14, characterized in that the system comprises a computer-based authorization center (3) having a data store (34) which stores the authorization data, and in that the authorization center (3) is set up to transmit the authorization data and the reference data essentially in time sync via a telecommunication network (8) to the

first reproduction device (1) and to the second reproduction device (2), respectively.

20. The system as claimed in one of claims 14 to 19, characterized in that the means for altering the reproduction attributes during the reproduction of the authorization data are set up to make the alteration of the reproduction attributes on the basis of relevant data in the authorization data.

21. The system as claimed in one of claims 14 to 20, characterized in that the system comprises a computer-based authorization center (3) which is set up to transmit attribute data via a telecommunication network (8) to the first reproduction device (1) and to the second reproduction device (2), and in that the means for altering the reproduction attributes during the reproduction of the authorization data are set up to make the alteration in the reproduction attributes on the basis of relevant attribute data which have been received from the authorization center (3).

22. The system as claimed in one of claims 14 to 18, characterized in that the system comprises a computer-based authorization center (3) having a data store (34) which stores the authorization data, in that the authorization center (3) is set up to transmit the authorization data via a telecommunication network (8) to the first reproduction device (1), in that the system comprises a computer-based reproduction control center (3') which is set up to transmit reproduction control data via the telecommunication network (8) to the first reproduction device (1) and to transmit the reference data via the telecommunication network (8) to the second reproduction device (2), and in that the means for altering the reproduction attributes during the reproduction of the authorization data are set up

to make the alteration in the reproduction attributes on the basis of the reproduction control data.

23. The system as claimed in one of claims 14 to 22, characterized in that the user interfaces (11, 21) each comprise a display (11a, 21a) for showing the authorization data and reference data, respectively, and in that the reproduction attributes comprise visual attributes such as color details, orientation details, details relating to the determination of a picture section, position details or details about fonts.

24. The system as claimed in one of claims 14 to 23, characterized in that the user interfaces each comprise an electroacoustic transducer (11b, 21b) for reproducing the authorization data and reference data, respectively, and in that the reproduction attributes comprise audio attributes such as details about volume, pitch or tone length.

25. The system as claimed in one of claims 14 to 24, characterized in that the first reproduction device (1) is in the form of a mobile communication terminal.

26. The system as claimed in one of claims 14 to 24, characterized in that the first reproduction device (1) is in the form of a chip card.

27. A computer program product which comprises a computer-readable medium containing computer program code means for the purpose of controlling one or more processors in a first electronic reproduction device (1) which can be used in an authorization verification method such

that the first reproduction device (1) reproduces authorization data using a user interface (11) of the

first reproduction device (1) and alters reproduction attributes during the reproduction of the authorization data, so that the reproduction of the authorization data changes dynamically, where the authorization data are reproduced and the reproduction attributes are altered during the reproduction of the authorization data in time sync with reproduction of reference data using a user interface (21) of a second electronic reproduction device (2) and with alterations of reproduction attributes during the reproduction of the reference data, respectively.

28. The computer program product as claimed in claim 27, characterized in that it comprises further computer program code means which control the processors in the first reproduction device (1) such that the authorization data are stored in a data store (13) of the first reproduction device, and in that the reproduction attributes are altered on the basis of details regarding the alteration of reproduction attributes.

29. The computer program product as claimed in claim 28, characterized in that it comprises further computer program code means which control the processors in the first reproduction device (1) such that the first reproduction device (1) reproduces the authorization data on the basis of a synchronization signal using the user interface (11) of the first reproduction device (1), and that the first reproduction device (1) produces the synchronization signal.

30. The computer program product as claimed in claim 28, characterized in that it comprises further computer program code means which control the processors in the first reproduction device (1) such

that the first reproduction device (1) reproduces the authorization data on the basis of a synchronization signal using the user interface (11) of the first reproduction device (1), and that the first reproduction device (1) produces the synchronization signal on the basis of a signal which the first reproduction device (1) receives from the second reproduction device (2), or that the first reproduction device (1) transmits a signal to the second reproduction device (2) for the purpose of producing a synchronization signal in the second reproduction device (2).

31. The computer program product as claimed in claim 28, characterized in that it comprises further computer program code means which control the processors in the first reproduction device (1) such that the first reproduction device (1) reproduces the authorization data on the basis of a synchronization signal using the user interface (11) of the first reproduction device (1), that the first reproduction device (1) receives a signal from a computer-based authorization center (3) via a telecommunication network (8), and that the first reproduction device (1) produces the synchronization signal on the basis of the received signal.

32. The computer program product as claimed in one of claims 27 to 31, characterized in that it comprises further computer program code means which control the processors in the first reproduction device (1) such that the first reproduction device (1) receives the authorization data via a telecommunication network (8) from a computer-based authorization center (3).

33. The computer program product as claimed in one of claims 27 to 31, characterized in that it comprises

further computer program code means which control the processors in the first reproduction device (1) such that the first reproduction device (1) receives the authorization data via a telecommunication network (8) from a computer-based authorization center (3), that the first reproduction device (1) receives reproduction control data via the telecommunication network (8) from a computer-based reproduction control center (3'), and that the first reproduction device (1) alters the reproduction attributes during the reproduction of the authorization data on the basis of the reproduction control data.